

CLAIMS

1. A blade material cutting device which is employed for cutting a strip blade material, wherein said device has:

a stationary blade part having a pair of front and rear support faces on which a strip plate part and a blade edge part of said blade material where said blade edge part is formed in an edge of said strip plate part are to be overlaid, and which are placed with being separated from each other by a gap in a direction of feeding said blade material;

10 a pair of opposed front and rear stationary edges which are disposed in said pair of support faces;

15 a movable blade part which is extracted and retracted with respect to said mutual gap between said pair of support faces; and

20 a pair of front and rear movable edges which are disposed in said movable blade part, and which cooperate with said pair of stationary edges to cut away a disposal portion of said blade material that is positioned between said stationary edges.

2. A blade material cutting device according to claim 1, wherein each of said stationary edges and said movable edges is a straight-cutting edge for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cutting.

3. A blade material cutting device according to claim 1,
wherein each of said stationary edges and said movable edges
is a miter-cutting edge for conducting a cutting operation so
that said blade edge part of said blade material after the
5 cutting has a miter shape.

4. A blade material cutting device according to claim 1,
wherein said pair of front and rear support faces are formed
in each of right and left side faces of said stationary blade
part, said pair of front and rear stationary edges which are
disposed in said pair of support faces on one side of said
right and left side faces are straight-cutting edges for line-
arly forming a cut line which extends over said blade edge
part and said strip plate part of said blade material after
the cutting, said pair of front and rear stationary edges
10 which are disposed in said pair of support faces on another
side of said right and left side faces are miter-cutting edges
for conducting a cutting operation so that said blade edge
part of said blade material after the cutting has a miter
shape,

20 said movable blade part is placed in each of sides which
sandwich said mutual gap,

a pair of front and rear movable edges which cooperate
with said pair of straight-cutting front and rear stationary
edges to cut away a disposal portion of said blade material
25 that is positioned between said stationary edges are disposed

in said movable blade parts on the one side, and
a pair of front and rear movable edges which cooperate
with said pair of miter-cutting front and rear stationary
edges to cut away a disposal portion of said blade material
5 that is positioned between said stationary edges are disposed
in said movable blade parts on the other side.

5. A blade material cutting device according to claim 1,
wherein said pair of front and rear support faces are formed
10 in each of right and left side faces of said stationary blade
part, said pair of front and rear stationary edges which are
disposed in said pair of support faces on one side of right
and left side faces are straight-cutting edges for linearly
forming a cut line which extends over said blade edge part and
15 said strip plate part of said blade material after the cut-
ting, said pair of front and rear stationary edges which are
disposed in said pair of support faces on another side of said
right and left side faces are miter-cutting edges for conduct-
ing a cutting operation so that said blade edge part of said
20 blade material after the cutting has a miter shape,

said movable blade part is configured so as to be movable
between one side and another side of said mutual gap with
passing through said mutual gap,

25 a pair of front and rear movable edges which cooperate
with said pair of straight-cutting front and rear stationary

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edges to cut away a disposal portion of said blade material that is positioned between said stationary edges are disposed in the one side of right and left side faces of said movable blade parts, and

5 a pair of front and rear movable edges which cooperate with said pair of miter-cutting front and rear stationary edges to cut away a disposal portion of said blade material that is positioned between said stationary edges are disposed in the another side of said right and left side faces of said 10 movable blade part.

6. A blade material cutting device which is employed for cutting a strip blade material, wherein said device has:

a stationary blade part having a support face on which a strip plate part and a blade edge part of said blade material where said blade edge part is formed in an edge of said 15 strip plate part are to be overlaid;

a pair of front and rear stationary edges which are disposed in said support face, and which are positioned to be separated from each other by a gap in a direction of feeding 20 said blade material;

a front movable blade part which is movable in front of said support face in lateral directions of said support face, and a rear movable blade part which is movable in rear of said 25 support face in the lateral directions of said support face;

a movable edge which is disposed in said front movable blade part, and which cooperates with said front stationary edge of said support face to cut said blade material; and

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a movable edge which is disposed in said rear movable 5 blade part, and which cooperates with said rear stationary edge of said support face to cut said blade material.

7. A blade material cutting device according to claim 6, wherein each of said stationary edges and said movable edges of said front and rear movable blade parts is a straight-cutting edge for linearly forming a cut line which extends over said blade edge part and said strip plate part of said blade material after the cutting.

8. A blade material cutting device according to claim 6, wherein each of said stationary edges and said movable edges of said front and rear movable blade parts is a miter-cutting edge for conducting a cutting operation so that said blade edge part of said blade material after the cutting has a miter shape.

9. A blade material cutting device according to claim 6, 20 wherein said support face is formed in each of right and left side faces of said stationary blade part, said pair of front and rear stationary edges which are disposed in said support face on one side are straight-cutting edges for linearly forming a cut line which extends over said blade edge part and 25 said strip plate part of said blade material after the cut-

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ting, said pair of front and rear stationary edges which are disposed in said support face on another side are miter-cutting edges for conducting a cutting operation so that said blade edge part of said blade material after the cutting has 5 a miter shape,

a pair of right and left movable edges are disposed in said front movable blade part, said movable edge on the one side is an edge which cooperates with said straight-cutting front stationary edge to cut said blade material, said movable edge on the other side is an edge which cooperates with said 10 miter-cutting front stationary edge to cut said blade material,

a pair of right and left movable edges are disposed in said rear movable blade part, the movable edge on the one side is an edge which cooperates with said straight-cutting rear stationary edge to cut said blade material, and the movable edge on the other side is an edge which cooperates with said 15 miter-cutting rear stationary edge to cut said blade material.

10. A blade material cutting device according to claim 6, 20 wherein said stationary blade part is formed into a fork-like shape having a pair of right and left protrusions, said support face is formed in each of right and left side faces which are opposed between said pair of protrusions, a pair of front and rear stationary edges disposed in said support face on one 25 side are straight-cutting edges for linearly forming a cut

line which extends over said blade edge part and said strip plate part of said blade material after the cutting, a pair of front and rear stationary edges disposed in said support face on another side are miter-cutting edges for conducting a cutting operation so that said blade edge part of said blade material after the cutting has a miter shape,

a pair of right and left movable edges are disposed in said front movable blade part, said movable edge on the one side is an edge which cooperates with said straight-cutting front stationary edge to cut said blade material, said movable edge on the other side is an edge which cooperates with said miter-cutting front stationary edge to cut said blade material,

a pair of right and left movable edges are disposed in said rear movable blade part, said movable edge on the one side is an edge which cooperates with said straight-cutting rear stationary edge to cut said blade material, and said movable edge on the other side is an edge which cooperates with said miter-cutting rear stationary edge to cut said blade material.